No 64

An inaugural difertation on Frachitis
Submitted to the medical Fraculty of the Minimersity of Permemboania for the degree of ell. O. log With F. Johnston of Petersburg Mirginia Papul Monde vit 1828

This disease, which is treated of by authors under a transpiration of manus as morbed stranspirationia, expansive affection of the character in commence and a transpiration of the stranspiration of the character of the stranspiration of the character is the object of the proof of these mouth to five years, particularly there who have been the next healthy? But receivably it attacks a well to make healthy? But receivably it attacks a well to make the table property in the succeeding that he has make with it is a wearingly that he has make with it is a wearing that the has make with it is a children some within the mounthy that he has make with it in

O real, it is gownedly agreed, is not contogious And a chile with has once been affected with the disease is very bable to returns of it afon alight expenses to cold; but then it is said, it appeared in a milder from It sometimes proceeded at an africtionic.

This disease is divided into spasmodic and inflammatery; - coming on sometimes duddenly, but at otherhones the secure is a little of the

gradually), with the symptoms of a common cold. In the latter instance the child for several days previously to an attack, appears drowed, inactive, and fret ful. The eyes are somewhat suffused and heavy; and a hourse cough attends, which, from the beginning, has a peculiar should sound, that is said to resemble the crowing of a cock, or the barb of a small dog. The lough becomes more shill, and by every fit of it, the patient is very much agitated; the face is flushed and swelled, and the eyes are protuberant. At the disease advances, there is great difficulty of breathing and the fauces appear sed, and in some instances a little swelled; but never in so great a degree as to impede the power of deglatition. The disease continuing, the respiration is performed with still grate too difficulty, and with a hiping noise; the fits of coughing are more frequently repeated, the cough is most generally day, but when there is any expectination, it has most commonly a purulent appearance. Logether with these dymptoms, there

the the state of the said weren cough somer wint, feller of Experience had a hard or some that is sent to remit to in a count of but it a seed to the to the day and the second of the the were about the it good all at of heart to what the form of white "the theory meaning with the star of which the

and much things, great restlipped, forguned of pulses, and occasionally, naugear. It longes the meating becomes more streamlers, the counterance changes, the cheeks afaming a purple ectour, and the life growing built, till altimately the chille is cut off by sufferation.

He duration of this disease is visions according to the chappen of the more dangerous symp a torns; which are the greak difficulty of heating, much arrively, the frequency of the fit of coupling attended with no expectoration, and an irregular

and intermitting pulse.

the most usual period of its terrimations is about the third or fourth, day; though sometimes if priors fatale toothin leverly four lours, and still more resely

it is protracted soon to the tenth day. In the other form of the disease, the child is attacked, much commonly at night with answer of

firstly of breating, threating immediate sufficienting and with the house strictuless cough already de-

to the dame to the sure to print party we while are to good affects it beautiful Mr. of best of histories was the shift

sociled. The face is flushed, the pulse quick and initates, the patient is very fretful, and open dingly uneasy, the eye is well and the optionity cold.

This form of cromp terminates fatally within twenty four hours, or even within a shotter time, and left the appropriate remedial he employed.

It chaque observed that, when the ship dies after an illness of those, four, or five days, there is found living the undeple a white nembers of considerable tenacity. It arises a little under the language, and is semitimes prolonged with the durision of the tracker; and generally a quarity of a white fluid, like matter with which the lungs are filled, is seen guryling up. "He attachment of the membrane is alight, but the simple coat of the tracker is inflamed." To this membrane presenting the aim from papers, the death of the child has been attributed. But projector

the standard of the said the said wheth he to fire was of to have

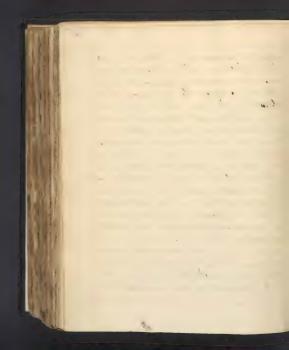
. (chapman) informs us, he has never met with, it in his acpeated examinations for this purpose " The appearances, says be, I have observed in difections relating to the largery, were slight marks of inflormations with more or less of me cus, such as is formed by all the deemling Surfaces." In Baille in his work on morbid. anatomy remarks that, " when the inner membrane of the tracked is influenced, it is sometimes lined with a layer of a udlowish pulpy matter. This does not adhere firmly to the inner mombrane; but may be easily deparated. It extends from the upper part of the cavity of the langua, into the small brunches of the trucker, which are distributed through the substance of the lungs. "Here is at the dame time a good deal of mucus in the tracker and its branches, to = gether with a mixture of pus. This is the appearance of the inside of the tracker in hattents who have died from the excep."



chain it is stated by the late Is 13 and that, he has found the pulinomery organs as dense and holid from sangueous conjection, that they orbibited the approxime of the stoughter count in those earns where with promptly takes place, no marks of inflammation are found on dispection.

lorant then may be considered as a discourconsisting setter in a opposition of the dining the splitts, or in inflammation of the dining montrain of the langua and trackers, will if not arrested extends to the minute vamifications of the bounches and terminate setter in an affection of type of much or in an enjoyed state of the large with blood constituting an apposed that of the organs.

We are, thenfine, not to consider the adventitions manchane, which has been sometimes, found lining the tracker, as altogether the cause of the fatal termination of this discose, but also



the congestion of the lungs withen by mucus or lymph or by blood, at mainly producing death. And those cases where the attack comed on Suddenly, are evidently attributable to spasm, for in these, post morten examinations have revealed no marks of inflammation. The most common causes of crown appear to be cold and mosture; and hence it more generally appears in winter and spring, and near the sea-coast; though inland situations and particularly those which are marthy are by no means exempt from it. Dr. Under wood observed, the change of food, from milk which is easily apinilated to one requiring more dipertion is probably a cause of this disender. And It Rush remarks, he had seen it accompany, as well as succeed, the smallpox, measles, searles Lever, and afthous some thooat.

In the treatment of this disease, smelies



demand the first attention. The child should be made to bomit copiously, and for this purpose the tartarized antimony should be given; it being found the most effectual of the emetics. Professor love's live syrup, is also a valuable remedy. The warm bath should be employed at the same time, for it apists the operation of the emetic, produced diaphonesis, which is a source of considerable comfort to the Labout, and it furthermore aids in relaxing the spasm. Bloodletting is a highly important remedy in the management of this affection, and should be used liberally, as the object is to subdue the inflammation in the onach, or to take off the sparm of the langua. The disease continuing we much have retourse to topical bleeding. If cups be used, they should be applied to the sides or back of the neck; for if placed on the fore part, they obstruct respiration. Leaches applied



to the Langue are productive of very benefic cial effects.

Whaters are highly important remedies in crook, and are must serviceable when black

over the throat.

When, notice that anding the vigorous employment of these means, the disease still continues, it is strenuously recommended by Dr Chapman to bleed the patient and deliquium animi. " When pushed to this extent, he observes, I muy almost say, that increscation is invariably suc = cepful . che yet I have never known one instance in which it failed. The moment that dyncohe takes place, the haarsengh cough, impeded respiration, and fover disappear Purging now becomes highly necessary. Calamel alone or combined with jallap or objubant, is the most appropriate cathartie. Dr. Russ we commends purging always after the use of erretics, if they fail of opening the howels.



The polygala senega is highly recommended by Ex John Archer of Maryland in every stage of this complaint. His mode of using it is in decotion; half an owner of the Seneka is boiled in eight ounces of water down to four. Of this he gives a tea-spronfull every hour on half hour, as the ungenery of the symptoms may require, and at in : terrals a few drops to keep up the stimulus, unthe it acts either as an emetic or cathertic? But on account of the stimulating nature of this medicine in is unquistionably better adapted to the latter stage of the disease, as an expectorant to among the troubstome cough, which is aft to follow the more nintent Aymptoms.

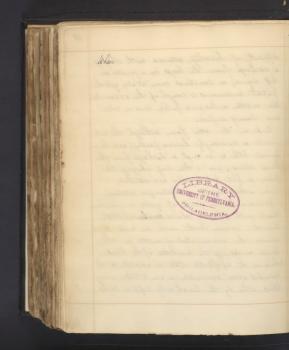
But if we are not called writel two or fifteen Lower have elapaed, we generally find the patent labouring under one on the other of the forms of periferential within the catavolus sufficients, there are



difficult, of heathing, attended with whising, a discharge from the lungs in a great on left degree, or bonitmes more at all, get the patient endeaceurs to coupl of the accumular test matter, a languid pulse, and a cold and clammy surface.

But in the other form, athorph the pasfirstion is executingly hunied harring, and lahorious, little or no cough or discharge from the lungs attends; now is there and wheefing the fullse is full but congular and distributed.

Che active smalle of larlarized antimory, if ecacuar has the juice of gastie or inion combined with calomel should be necessary thicket, and the warm brath used, in motor to sense the accumulation of matter in the large or agualty the circulation of the blood. And in the apoplette state in addition to the sense of above sommersta, we are to take away blood, either by the lance, or by cuff, or beech.



When the first mentioned means is adopted, we are to proceed very continuely, taking away a little at once, supposely the flow, and water the affect on the infetion." If it prove serviceable was are to expect the operation as cocumstances shall render it neglect. But doubte
the circumstances of the case utterf forbid
the circumstances of the case utterf forbid
the use of the lancet, case utterf or beach.
Whisters are of the atmost whith at this pervice of the disease. They should be placed
creatite breach.

With the same intention of removing the collectors of phlogon or mucus in the lung, the hime syrup formerly alluded to, proceedings the anulaion of jum ammoriae, decotion of deneke snaka roof, the antiminal wine, oxymel or vineges of squilly, and the carbonate of ammoria whould he amployed.

The have been from the short to MANNAMA directly smaller unto the animoused wine remail